

C L A I M S

1. An enclosure for air handling equipment,  
5 comprising:

a cabinet defining a supply air outlet and a  
return air inlet, wherein the supply air outlet and the return  
air inlet are substantially equal in size and shape;

a cover-A overlaying the supply air outlet  
10 and being generally rectangular with a centerline-A, wherein  
the cover-A defines an opening-A and an alternate area-A both  
of which overlay the supply air outlet and are offset relative  
to the centerline-A.

15

2. The enclosure of claim 1 further including a  
cover-B overlaying the return air inlet and being generally  
rectangular with a centerline-B, wherein the cover-B defines an  
opening-B and an alternate area-B both of which overlay the  
20 return air inlet and are offset relative to the centerline-B.

3. The enclosure of claim 2 wherein the cover-A  
and the cover-B are interchangeable with each other and are  
25 each invertible to vary the relative positions of the opening-  
A, opening-B, alternate area-A and alternate area-B.

4. The enclosure of claim 3, wherein the opening-A and the opening-B are substantially rectangular.

5 5. The enclosure of claim 4, wherein the alternate area-A and alternate area-B each define a substantially round opening.

10 6. The enclosure of claim 3, wherein the opening-A and the alternate area-A are vertically offset to each other.

15 7. The enclosure of claim 3, further comprising thermal insulation disposed on one side of the cover-A.

20 8. The enclosure of claim 3, further comprising a round flange extending from the alternate opening-A.

25 9. The enclosure of claim 3, wherein the centerline-A is substantially vertical.

10. The enclosure of claim 3, wherein the cover-A is adjacent to cover-B.

30

11. An air handler for a building, comprising:  
a cabinet disposed outside the building and  
defining a supply air outlet and a return air inlet, wherein  
the supply air outlet and the return air inlet are  
5 substantially equal in size and shape;  
a compressor inside the cabinet;  
a condenser inside the cabinet;  
an expansion device coupled to the condenser;  
an evaporator inside the cabinet and  
10 connected to the compressor, the condenser, and the expansion  
device to provide a closed loop refrigeration circuit;  
a blower inside the cabinet and forcing air  
from the return air inlet to the supply air outlet and across  
at least one of the condenser and the evaporator;  
15 a cover-A overlaying the supply air outlet  
and being generally rectangular with a centerline-A, wherein  
the cover-A defines an opening-A and an alternate area-A both  
of which overlay the supply air outlet and are offset relative  
to the centerline-A;  
20 a cover-B overlaying the return air inlet and  
being generally rectangular with a centerline-B, wherein the  
cover-B defines an opening-B and an alternate area-B both of  
which overlay the return air inlet and are offset relative to  
the centerline-B, wherein the cover-A and the cover-B are  
25 interchangeable with each other and are each invertible to vary  
the relative positions of the opening-A, opening-B, alternate  
area-A and alternate area-B;  
a supply air duct extending from the cover-A  
to the building; and  
30 a return air duct extending from the cover-B  
to the building.

12. The air handler of claim 11, wherein the opening-A and the opening-B are substantially rectangular.

5                   13. The air handler of claim 12, wherein the alternate area-A and alternate area-B each define a substantially round opening.

10                   14. The air handler of claim 11, wherein the opening-A and the alternate area-A are vertically offset to each other.

15                   15. The air handler of claim 11, further comprising thermal insulation disposed on one side of the cover-A.

20                   16. The air handler of claim 11, further comprising a round flange extending from the alternate opening-A.

25                   17. The air handler of claim 11, wherein the centerline-A is substantially vertical.

18. The air handler of claim 11, wherein the cover-A is adjacent to cover-B.

5                   19. A method of configuring an enclosure for air handling equipment, wherein the enclosure includes a cover-A that defines a opening-A leading to a supply air outlet of the enclosure, the method comprising:

                                  removing the cover-A from the enclosure;  
10                                inverting the cover-A; and  
                                  reattaching the cover-A to the enclosure,  
thereby changing the elevation of the opening-A.

15                   20. The method of claim 19, wherein the enclosure includes a cover-B that defines an opening-B leading to a return air inlet of the enclosure, further comprising:

                                  removing the cover-B from the enclosure;  
                                  inverting the cover-B; and  
20                                reattaching the cover-B to the enclosure,  
thereby changing the elevation of the opening-B.

                                  21. The method of claim 19, wherein the enclosure  
25                   includes a cover-B that defines an opening-B leading to a return air inlet of the enclosure, further comprising:

                                  removing the cover-B from the enclosure;  
                                  swapping the positions of the cover-A and the  
cover-B; and  
30                                reattaching the cover-B to the enclosure.

22. A method of configuring an enclosure for air handling equipment, wherein the enclosure includes a cover-A that defines a opening-A leading to a supply air outlet of the enclosure and a cover-B that defines an opening-B leading to a return air inlet of the enclosure, the method comprising:

5 removing the cover-A and the cover-B from the enclosure;

swapping the positions of the cover-A and the cover-B; and

10 reattaching the cover-A and the cover-B to the enclosure, thereby changing a distance between the opening-A and the opening-B.

23. The method of claim 22, further comprising

15 inverting at least one of the cover-A and the cover-B.